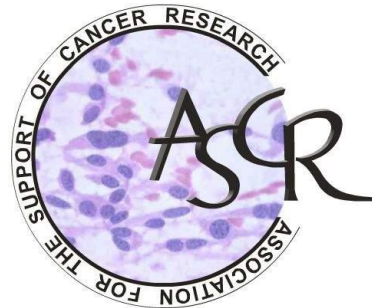




Maria Skłodowska-Curie  
Memorial  
Cancer Center and  
Institute of Oncology  
Gliwice Branch



The Silesian Section of Maria Skłodowska –Curie Memorial  
Polish Radiation Research Society

Department of Medical Physics, Maria Skłodowska-Curie Memorial Cancer Center  
and Institute of Oncology, Branch in Gliwice

Association for the Support of Cancer Research

## MINISYMPOSIUM

# *Nanostructures in medical applications*

**Gliwice, 01.04.2014**

*Venue:*

Święcki Hall, Maria Skłodowska-Curie Memorial Cancer Center and Institute  
of Oncology, Wybrzeże Armii Krajowej 15, 44-101 Gliwice, Poland

**12:00 – 12:40 Jonathan Coulter** (School of Pharmacy, Belfast): *Enhanced radio-sensitivity of PTEN-deficient prostate carcinomas through the inhibition of treatment induced CXCL8 signalling.*

**12:40 – 13:20 Janusz Kasperczyk** (Centre of Polymer and Carbon Materials, Polish Academy of Sciences, Zabrze): *Tailoring the chain microstructure of biodegradable polyesters for medical applications.*

**13:20 – 14:00 Lunch break**

**14:00 – 14:40 Helen McCarthy** (School of Pharmacy, Belfast): *Nitric oxide mediated radio-sensitivity using novel bio-inspired delivery systems.*

**14:40 – 15:20 Katarzyna Jelonek** (Centre of Polymer and Carbon Materials, Polish Academy of Sciences, Zabrze): *Bioresorbable filomicelles for sustained release of hydrophobic anticancer drugs.*

**15:20 – 16:00 Andrzej Gamian** (Ludwik Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wrocław): *Biocompatibility of nanoparticles loaded with photosensibilizers for practical use in support of anticancer therapy.*